Section 8.6

824 Application Advice

Functional Group ID=AG

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgement sent in response to a purchase order).

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BGN	Beginning Segment	M	1		
			LOOP ID - N1			>1	
	030	N1	Name	O	1		
	040	N2	Additional Name Information	O	2		
	050	N3	Address Information	O	2		
	060	N4	Geographic Location	O	1		
	070	REF	Reference Identification	O	12		
	080	PER	Administrative Communications Contact	O	3		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - OTI			>1	
Must Use	010	OTI	Original Transaction Identification	M	1		
	020	REF	Reference Identification	O	12		c1
	030	DTM	Date/Time Reference	O	2		
	040	PER	Administrative Communications Contact	O	3		
	050	AMT	Monetary Amount	O	>1		
	060	QTY	Quantity	O	>1		

	065	NM1	Individual or Organizational Name	O	9	
			LOOP ID - TED			>1
	070	TED	Technical Error Description	O	1	
	080	NTE	Note/Special Instruction	O	100	
			LOOP ID - LM			>1
	085	LM	Code Source Information	O	1	n1
Must Use	086	LQ	Industry Code	M	100	
Must Use	090	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1.   Use of the LM loop is limited to the identification of industry unique application error conditions.

Transaction Set Comments

1.   REF segments can be used as needed to further identify the original transaction set.

Segment: **ST** **Transaction Set Header**

Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: **1**   The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
>> ST01	143	**Transaction Set Identifier Code**	M	ID	3/3
		Code uniquely identifying a Transaction Set			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
>> ST02	329	**Transaction Set Control Number**	M	AN	4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			

Segment: **BGN** Beginning Segment

Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax Notes: **1**   If BGN05 is present, then BGN04 is required.
Semantic Notes: **1**   BGN02 is the transaction set reference number.
                        2   BGN03 is the transaction set date.
                        3   BGN04 is the transaction set time.
                        4   BGN05 is the transaction set time qualifier.
                        5   BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
>> **BGN01**	**353**	**Transaction Set Purpose Code**	**M**	**ID**	**2/2**
		Code identifying purpose of transaction set			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
>> **BGN02**	**127**	**Reference Identification**	**M**	**AN**	**1/30**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
>> **BGN03**	**373**	**Date**	**M**	**DT**	**6/6**
		Date (YYMMDD)			
BGN04	**337**	**Time**	**X**	**TM**	**4/8**
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)			
BGN05	**623**	**Time Code**	**O**	**ID**	**2/2**
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
BGN06	**127**	**Reference Identification**	**O**	**AN**	**1/30**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
BGN07	**640**	**Transaction Type Code**	**O**	**ID**	**2/2**
		Code specifying the type of transaction			
		Refer to 003060 Data Element Dictionary for acceptable code values.			

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BGN08	**306**	**Action Code**	**O**	**ID**	**1/2**

Code indicating type of action

Refer to 003060 Data Element Dictionary for acceptable code values.

BGN09	**786**	**Security Level Code**	**O**	**ID**	**2/2**

Code indicating the level of confidentiality assigned by the sender to the information following

Refer to 003060 Data Element Dictionary for acceptable code values.

Segment:	**N1** Name
Position:	030
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	N101	98	**Entity Identifier Code**	M	ID	2/2
			Code identifying an organizational entity, a physical location, or an individual			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
	N102	93	**Name**	X	AN	1/35
			Free-form name			
	N103	66	**Identification Code Qualifier**	X	ID	1/2
			Code designating the system/method of code structure used for Identification Code (67)			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
	N104	67	**Identification Code**	X	AN	2/20
			Code identifying a party or other code			
	N105	706	**Entity Relationship Code**	O	ID	2/2
			Code describing entity relationship			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
	N106	98	**Entity Identifier Code**	O	ID	2/2
			Code identifying an organizational entity, a physical location, or an individual			
			Refer to 003060 Data Element Dictionary for acceptable code values.			

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Segment:	**N2** Additional Name Information
Position:	040
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify additional names or those longer than 35 characters in length
Syntax Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	N201	93	**Name**	M	AN	1/35
			Free-form name			
	N202	93	**Name**	O	AN	1/35
			Free-form name			

Segment: **N3** Address Information
Position: 050
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
>> **N301**	**166**	**Address Information**	**M**	**AN**	**1/35**
		Address information			
N302	**166**	**Address Information**	**O**	**AN**	**1/35**
		Address information			

Segment: **N4** Geographic Location

Position: 060
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: **1**   If N406 is present, then N405 is required.
Semantic Notes:
Comments: **1**   A combination of either N401 through N404, or N405
                         and N406 may be adequate to specify a location.
                2   N402 is required only if city name (N401) is in the U.S.
                         or Canada.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N401	**19**	**City Name**	**O**	**AN**	**2/30**
		Free-form text for city name			
N402	**156**	**State or Province Code**	**O**	**ID**	**2/2**
		Code (Standard State/Province) as defined by appropriate government agency			
N403	**116**	**Postal Code**	**O**	**ID**	**3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)			
N404	**26**	**Country Code**	**O**	**ID**	**2/3**
		Code identifying the country			
N405	**309**	**Location Qualifier**	**X**	**ID**	**1/2**
		Code identifying type of location			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
N406	**310**	**Location Identifier**	**O**	**AN**	**1/30**
		Code which identifies a specific location			

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Segment:	**REF**	Reference Identification
Position:	070	
Loop:	N1	
Level:	Heading	
Usage:	Optional	
Max Use:	12	
Purpose:	To specify identifying information	

Syntax Notes:	**1**	At least one of REF02 or REF03 is required.
	2	If either C04003 or C04004 is present, then the other is required.
	3	If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	**1**	REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**ID**	**2/3**
			Code Qualifying the Reference Identification			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
	REF02	**127**	**Reference Identification**	**X**	**AN**	**1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	REF03	**352**	**Description**	**X**	**AN**	**1/80**
			A free-form description to clarify the related data elements and their content			
	REF04	**C040**	**Reference Identifier**	**O**		
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier			
>>	**C04001**	**128**	**Reference Identification Qualifier**	**M**	**ID**	**2/3**
			Code Qualifying the Reference Identification			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
>>	**C04002**	**127**	**Reference Identification**	**M**	**AN**	**1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	C04003	**128**	**Reference Identification Qualifier**	**X**	**ID**	**2/3**
			Code Qualifying the Reference Identification			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
	C04004	**127**	**Reference Identification**	**X**	**AN**	**1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	C04005	**128**	**Reference Identification Qualifier**	**X**	**ID**	**2/3**
			Code Qualifying the Reference Identification			

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Refer to 003060 Data Element Dictionary for acceptable code values.

C04006	**127**	**Reference Identification**	**X**	**AN**	**1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **PER** Administrative Communications Contact

Position: 080
Loop: N1
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:
1 If either PER03 or PER04 is present, then the other is required.
2 If either PER05 or PER06 is present, then the other is required.
3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:

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Data Element Summary

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	Ref. Des.	Data Element	Name	Attributes		
>>	**PER01**	**366**	**Contact Function Code**	M	ID	2/2
			Code identifying the major duty or responsibility of the person or group named			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
	PER02	**93**	**Name**	O	AN	1/35
			Free-form name			
	PER03	**365**	**Communication Number Qualifier**	X	ID	2/2
			Code identifying the type of communication number			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
	PER04	**364**	**Communication Number**	X	AN	1/80
			Complete communications number including country or area code when applicable			
	PER05	**365**	**Communication Number Qualifier**	X	ID	2/2
			Code identifying the type of communication number			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
	PER06	**364**	**Communication Number**	X	AN	1/80
			Complete communications number including country or area code when applicable			
	PER07	**365**	**Communication Number Qualifier**	X	ID	2/2
			Code identifying the type of communication number			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
	PER08	**364**	**Communication Number**	X	AN	1/80
			Complete communications number including country or area code when applicable			

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PER09   **443**   **Contact Inquiry Reference**   **O   AN   1/20**

Additional reference number or description to clarify a contact number

Segment: **OTI** Original Transaction Identification

Position: 010
Loop: OTI
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result

Syntax Notes: **1**   If OTI09 is present, then OTI08 is required.
Semantic Notes: **1**   OTI06 is the group date.
                                    2   OTI07 is the group time.
                                    3   If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.
Comments: **1**   OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.
                                    2   If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.
                                    3   If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	OTI01	110	**Application Acknowledgment Code**	M	ID	1/2
			Code indicating the application system edit results of the business data			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
>>	OTI02	128	**Reference Identification Qualifier**	M	ID	2/3
			Code Qualifying the Reference Identification			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
>>	OTI03	127	**Reference Identification**	M	AN	1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	OTI04	142	**Application Sender's Code**	O	AN	2/15
			Code identifying party sending transmission; codes agreed to by trading partners			
	OTI05	124	**Application Receiver's Code**	O	AN	2/15
			Code identifying party receiving transmission. Codes agreed to by trading partners			
	OTI06	373	**Date**	O	DT	6/6
			Date (YYMMDD)			
	OTI07	337	**Time**	O	TM	4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

OTI08	**28**	**Group Control Number**	**X**	**N0**	**1/9**

Assigned number originated and maintained by the sender

OTI09	**329**	**Transaction Set Control Number**	**O**	**AN**	**4/9**

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

OTI10	**143**	**Transaction Set Identifier Code**	**O**	**ID**	**3/3**

Code uniquely identifying a Transaction Set

Refer to 003060 Data Element Dictionary for acceptable code values.

OTI11	**480**	**Version / Release / Industry Identifier Code**	**O**	**AN**	**1/12**

Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

Refer to 003060 Data Element Dictionary for acceptable code values.

Segment: **REF** Reference Identification

Position: 020
Loop: OTI
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	REF01	128	**Reference Identification Qualifier**	M	ID	2/3
			Code Qualifying the Reference Identification			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
	REF02	127	**Reference Identification**	X	AN	1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	REF03	352	**Description**	X	AN	1/80
			A free-form description to clarify the related data elements and their content			
	REF04	C040	**Reference Identifier**	O		
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier			
>>	C04001	128	**Reference Identification Qualifier**	M	ID	2/3
			Code Qualifying the Reference Identification			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
>>	C04002	127	**Reference Identification**	M	AN	1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	C04003	128	**Reference Identification Qualifier**	X	ID	2/3
			Code Qualifying the Reference Identification			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
	C04004	127	**Reference Identification**	X	AN	1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	C04005	128	**Reference Identification Qualifier**	X	ID	2/3
			Code Qualifying the Reference Identification			

Refer to 003060 Data Element Dictionary for acceptable code values.

C04006	**127**	**Reference Identification**	**X**	**AN**	**1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **DTM** Date/Time Reference

Position: 030
Loop: OTI
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify pertinent dates and times
Syntax Notes: **1**   At least one of DTM02 DTM03 or DTM06 is required.
     2   If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
>> DTM01	374	**Date/Time Qualifier**	M	ID	3/3
		Code specifying type of date or time, or both date and time			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
DTM02	373	**Date**	X	DT	6/6
		Date (YYMMDD)			
DTM03	337	**Time**	X	TM	4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)			
DTM04	623	**Time Code**	O	ID	2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
DTM05	624	**Century**	O	N0	2/2
		The first two characters in the designation of the year (CCYY)			
DTM06	1250	**Date Time Period Format Qualifier**	X	ID	2/3
		Code indicating the date format, time format, or date and time format			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
DTM07	1251	**Date Time Period**	X	AN	1/35
		Expression of a date, a time, or range of dates, times or dates and times			

Segment: **PER** Administrative Communications Contact

Position:	040
Loop:	OTI
Level:	Detail
Usage:	Optional
Max Use:	3
Purpose:	To identify a person or office to whom administrative communications should be directed

Syntax Notes:

1	If either PER03 or PER04 is present, then the other is required.
2	If either PER05 or PER06 is present, then the other is required.
3	If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
>> PER01	366	**Contact Function Code**	M	ID	2/2
		Code identifying the major duty or responsibility of the person or group named			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
PER02	93	**Name**	O	AN	1/35
		Free-form name			
PER03	365	**Communication Number Qualifier**	X	ID	2/2
		Code identifying the type of communication number			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
PER04	364	**Communication Number**	X	AN	1/80
		Complete communications number including country or area code when applicable			
PER05	365	**Communication Number Qualifier**	X	ID	2/2
		Code identifying the type of communication number			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
PER06	364	**Communication Number**	X	AN	1/80
		Complete communications number including country or area code when applicable			
PER07	365	**Communication Number Qualifier**	X	ID	2/2
		Code identifying the type of communication number			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
PER08	364	**Communication Number**	X	AN	1/80
		Complete communications number including country or area code when applicable			

PER09   **443**   **Contact Inquiry Reference**   **O**   **AN**   **1/20**

Additional reference number or description to clarify a contact number

Segment: **AMT** **Monetary Amount**

Position: 050
Loop: OTI
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	**AMT01**	**522**	**Amount Qualifier Code**	M	ID	1/2
			Code to qualify amount			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
>>	**AMT02**	**782**	**Monetary Amount**	M	R	1/15
			Monetary amount			
	AMT03	**478**	**Credit/Debit Flag Code**	O	ID	1/1
			Code indicating whether amount is a credit or debit			
			Refer to 003060 Data Element Dictionary for acceptable code values.			

Segment: **QTY** Quantity

Position: 060
Loop: OTI
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify quantity information
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	QTY01	673	**Quantity Qualifier**	M	ID	2/2
			Code specifying the type of quantity			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
>>	QTY02	380	**Quantity**	M	R	1/15
			Numeric value of quantity			
	QTY03	C001	**Composite Unit of Measure**	O		
			To identify a composite unit of measure(See Figures Appendix for examples of use.)			
>>	C00101	355	**Unit or Basis for Measurement Code**	M	ID	2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
	C00102	1018	**Exponent**	O	R	1/15
			Power to which a unit is raised			
	C00103	649	**Multiplier**	O	R	1/10
			Value to be used as a multiplier to obtain a new value			
	C00104	355	**Unit or Basis for Measurement Code**	O	ID	2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
	C00105	1018	**Exponent**	O	R	1/15
			Power to which a unit is raised			
	C00106	649	**Multiplier**	O	R	1/10
			Value to be used as a multiplier to obtain a new value			
	C00107	355	**Unit or Basis for Measurement Code**	O	ID	2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			Refer to 003060 Data Element Dictionary for acceptable code values.			

C00108	**1018**	**Exponent**	**O**	**R**	**1/15**

Power to which a unit is raised

C00109	**649**	**Multiplier**	**O**	**R**	**1/10**

Value to be used as a multiplier to obtain a new value

C00110	**355**	**Unit or Basis for Measurement Code**	**O**	**ID**	**2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003060 Data Element Dictionary for acceptable code values.

C00111	**1018**	**Exponent**	**O**	**R**	**1/15**

Power to which a unit is raised

C00112	**649**	**Multiplier**	**O**	**R**	**1/10**

Value to be used as a multiplier to obtain a new value

C00113	**355**	**Unit or Basis for Measurement Code**	**O**	**ID**	**2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003060 Data Element Dictionary for acceptable code values.

C00114	**1018**	**Exponent**	**O**	**R**	**1/15**

Power to which a unit is raised

C00115	**649**	**Multiplier**	**O**	**R**	**1/10**

Value to be used as a multiplier to obtain a new value

Segment: **NM1** Individual or Organizational Name

Position:	065
Loop:	OTI
Level:	Detail
Usage:	Optional
Max Use:	9
Purpose:	To supply the full name of an individual or organizational entity

Syntax Notes:	**1**	If either NM108 or NM109 is present, then the other is required.
	2	If NM111 is present, then NM110 is required.
Semantic Notes:	**1**	NM102 qualifies NM103.
Comments:	**1**	NM110 and NM111 further define the type of entity in NM101.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
>>	**NM101**	**98**	**Entity Identifier Code**	**M**	**ID**	**2/2**
			Code identifying an organizational entity, a physical location, or an individual			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
>>	**NM102**	**1065**	**Entity Type Qualifier**	**M**	**ID**	**1/1**
			Code qualifying the type of entity			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
	NM103	**1035**	**Name Last or Organization Name**	**O**	**AN**	**1/35**
			Individual last name or organizational name			
	NM104	**1036**	**Name First**	**O**	**AN**	**1/25**
			Individual first name			
	NM105	**1037**	**Name Middle**	**O**	**AN**	**1/25**
			Individual middle name or initial			
	NM106	**1038**	**Name Prefix**	**O**	**AN**	**1/10**
			Prefix to individual name			
	NM107	**1039**	**Name Suffix**	**O**	**AN**	**1/10**
			Suffix to individual name			
	NM108	**66**	**Identification Code Qualifier**	**X**	**ID**	**1/2**
			Code designating the system/method of code structure used for Identification Code (67)			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
	NM109	**67**	**Identification Code**	**X**	**AN**	**2/20**
			Code identifying a party or other code			
	NM110	**706**	**Entity Relationship Code**	**X**	**ID**	**2/2**
			Code describing entity relationship			
			Refer to 003060 Data Element Dictionary for acceptable code values.			

NM111   **98**   **Entity Identifier Code**   **O   ID   2/2**

Code identifying an organizational entity, a physical location, or an individual

Refer to 003060 Data Element Dictionary for acceptable code values.

Segment: **TED** Technical Error Description

Position: 070
Loop: TED
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify the error and, if feasible, the erroneous segment, or data element, or both
Syntax Notes:
Semantic Notes:
Comments: 1 If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
>> TED01	647	**Application Error Condition Code**	M	ID	1/3
		Code indicating application error condition			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
TED02	3	**Free Form Message**	O	AN	1/60
		Free-form text			
TED03	721	**Segment ID Code**	O	ID	2/3
		Code defining the segment ID of the data segment in error (See Appendix A - Number 77)			
TED04	719	**Segment Position in Transaction Set**	O	N0	1/6
		The numerical count position of this data segment from the start of the transaction set: the transaction set header is count position 1			
TED05	722	**Element Position in Segment**	O	N0	1/2
		This is used to indicate the relative position of a simple data element, or the relative position of a composite data structure with the relative position of the component within the composite data structure, in error; in the data segment the count starts with 1 for the simple data element or composite data structure immediately following the segment ID			
TED06	725	**Data Element Reference Number**	O	N0	1/4
		Reference number used to locate the data element in the Data Element Dictionary			
TED07	724	**Copy of Bad Data Element**	O	AN	1/99
		This is a copy of the data element in error			
TED08	961	**Data Element New Content**	O	AN	1/99
		New data which has replaced erroneous data			

Segment: **NTE** Note/Special Instruction

Position: 080
Loop: TED
Level: Detail
Usage: Optional
Max Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction
Syntax Notes:
Semantic Notes:
Comments: 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

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Data Element Summary

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Ref. Des.	Data Element	Name	Attributes		
NTE01	363	**Note Reference Code**	O	ID	3/3
		Code identifying the functional area or purpose for which the note applies			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
>> NTE02	352	**Description**	M	AN	1/80
		A free-form description to clarify the related data elements and their content			

	Segment:	**LM** Code Source Information
	Position:	085
	Loop:	LM
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To transmit standard code list identification information
	Syntax Notes:	
	Semantic Notes:	
	Comments:	1 LM02 identifies the applicable industry code list source information.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	**LM01**	**559**	**Agency Qualifier Code**	M	ID	2/2
			Code identifying the agency assigning the code values			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
	LM02	**822**	**Source Subqualifier**	O	AN	1/15
			A reference that indicates the table or text maintained by the Source Qualifier			

Segment: **LQ** **Industry Code**
Position: 086
Loop: LM
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1   If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
LQ01	**1270**	**Code List Qualifier Code**	O	ID	1/3
		Code identifying a specific industry code list			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
LQ02	**1271**	**Industry Code**	X	AN	1/30
		Code indicating a code from a specific industry code list			

Segment: **SE** **Transaction Set Trailer**

Position: 090
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: **1**   SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
>>	SE01	96	**Number of Included Segments**	M	N0	1/10
			Total number of segments included in a transaction set including ST and SE segments			
>>	SE02	329	**Transaction Set Control Number**	M	AN	4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			